

FIG. 1

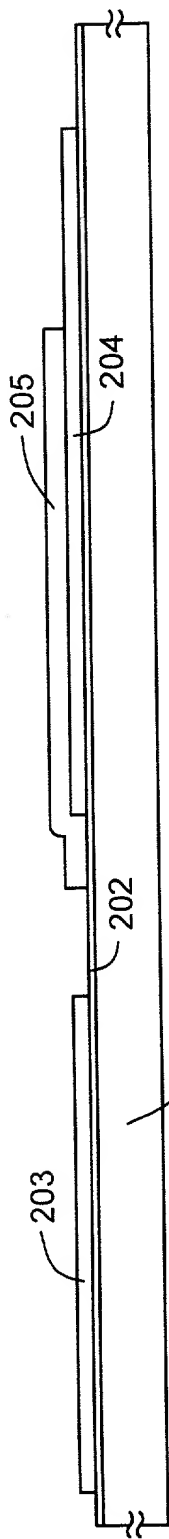


FIG. 2A

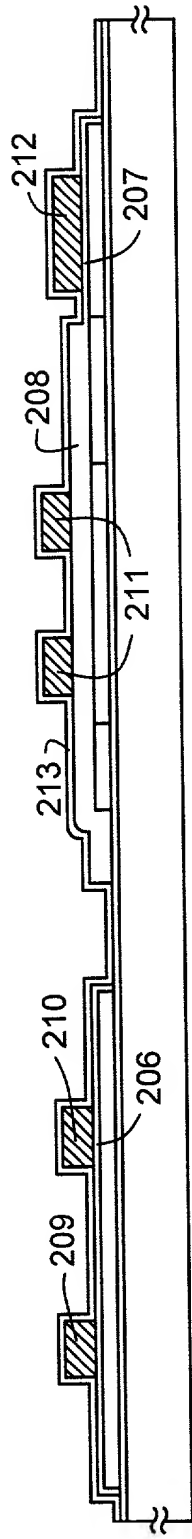


FIG. 2B

PHOSPHORUS DOPING PROCESS (n+)

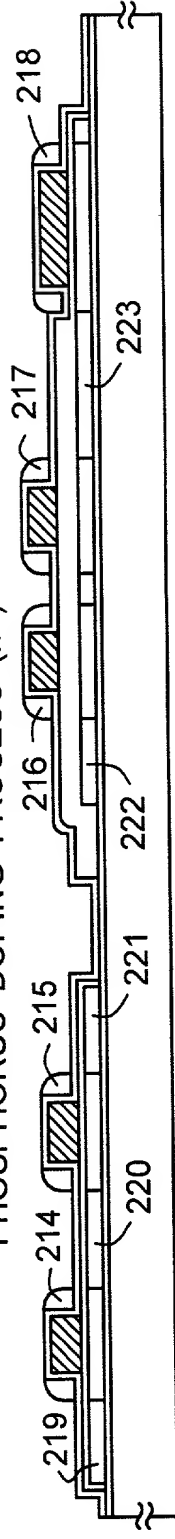


FIG. 2C

PHOSPHORUS DOPING PROCESS (n-)

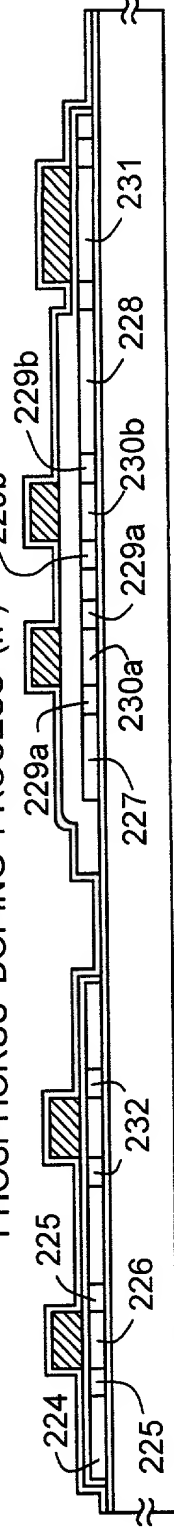


FIG. 2D

BORON DOPING PROCESS (p++)

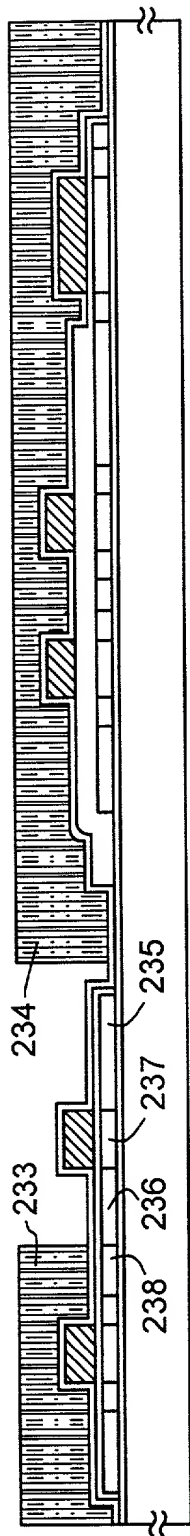


FIG. 3A

GETTERING PROCESS

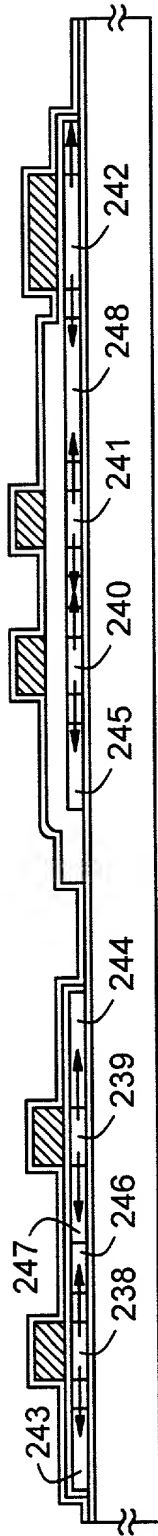
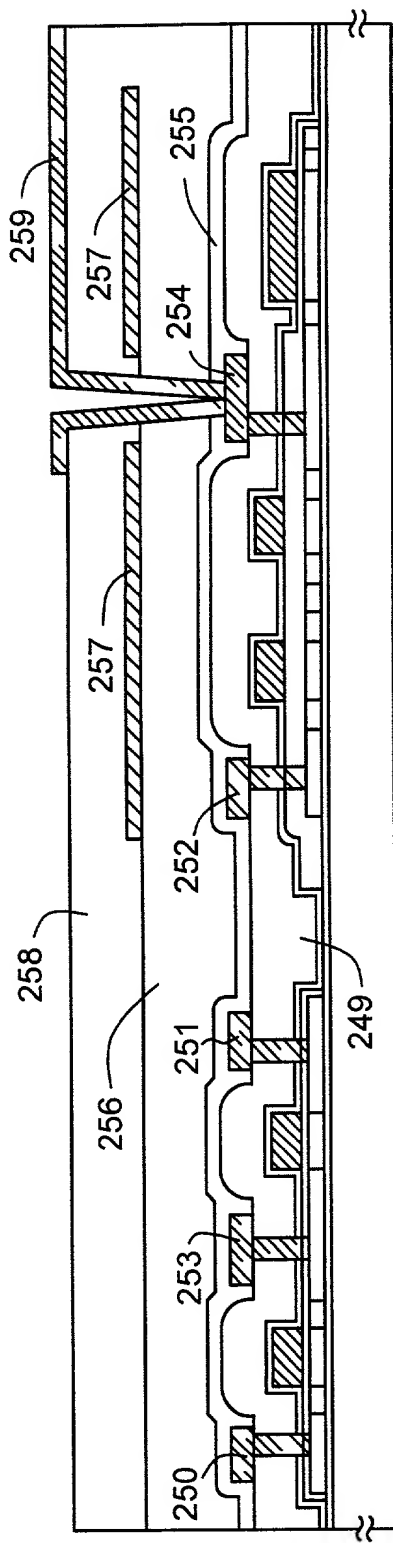


FIG. 3B



PIXEL MATRIX CIRCUIT

FIG. 3C

DRIVER CIRCUIT

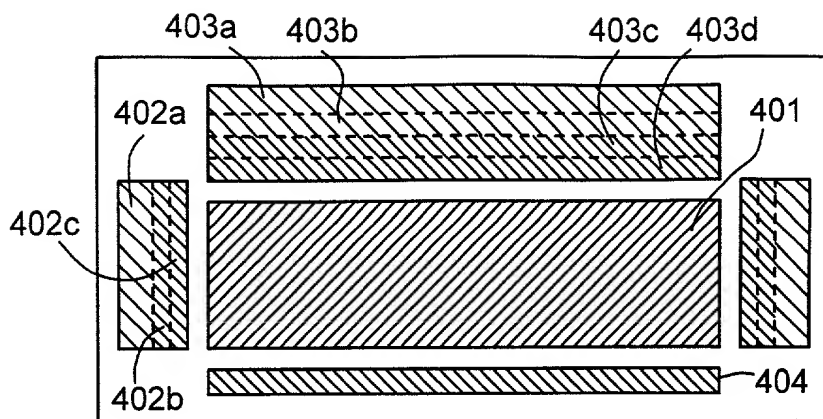


FIG. 4A

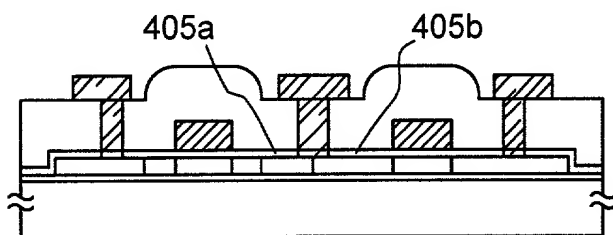


FIG. 4B

CMOS CIRCUIT OF THE AREA SHOWN
WITH HATCHING  IN FIG. 4A

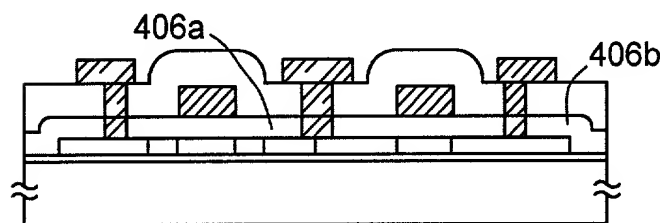


FIG. 4C

CMOS CIRCUIT OF THE REGION SHOWN
WITH HATCHING  IN FIG. 4A

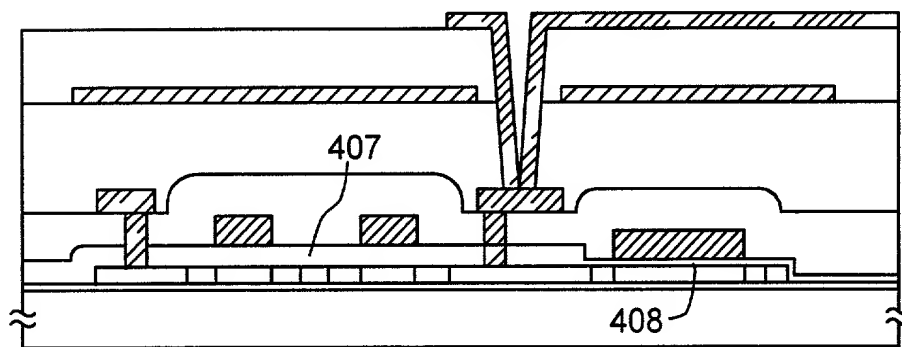


FIG. 4D

PIXEL MATRIX CIRCUIT OF THE AREA SHOWN
WITH HATCHING  IN FIG. 4A

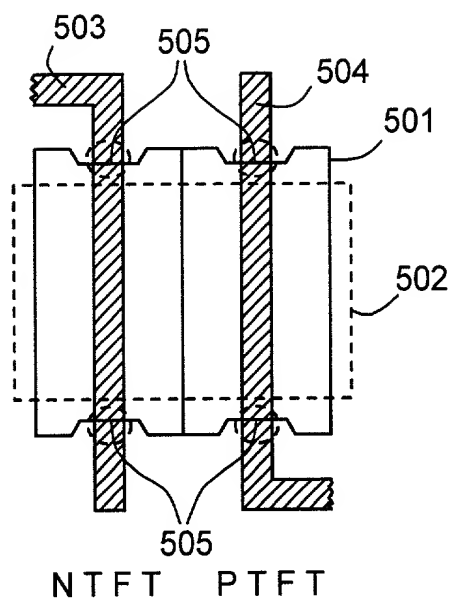


FIG. 5

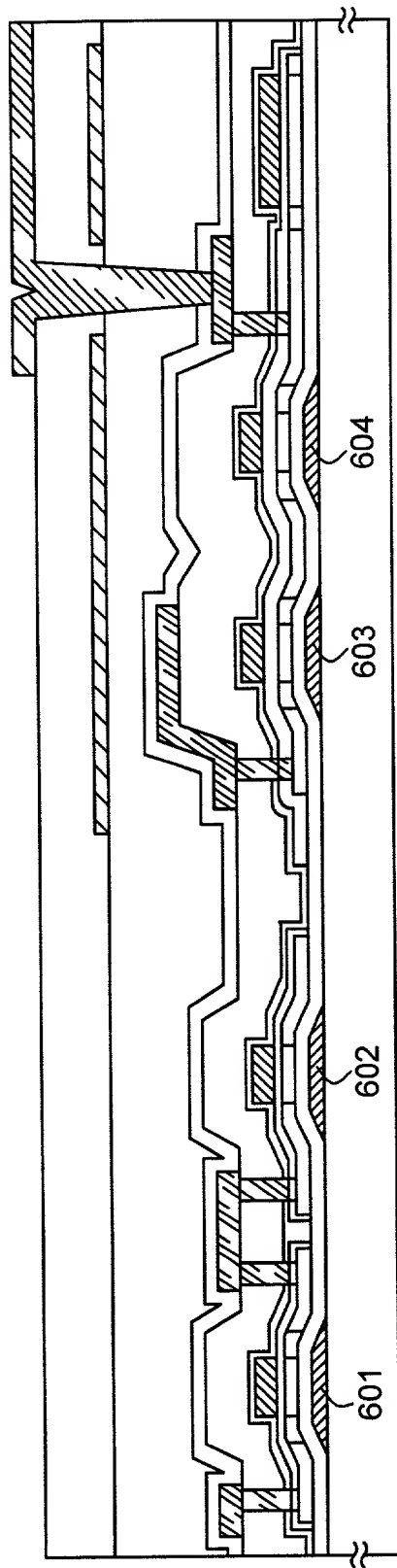


FIG. 6A

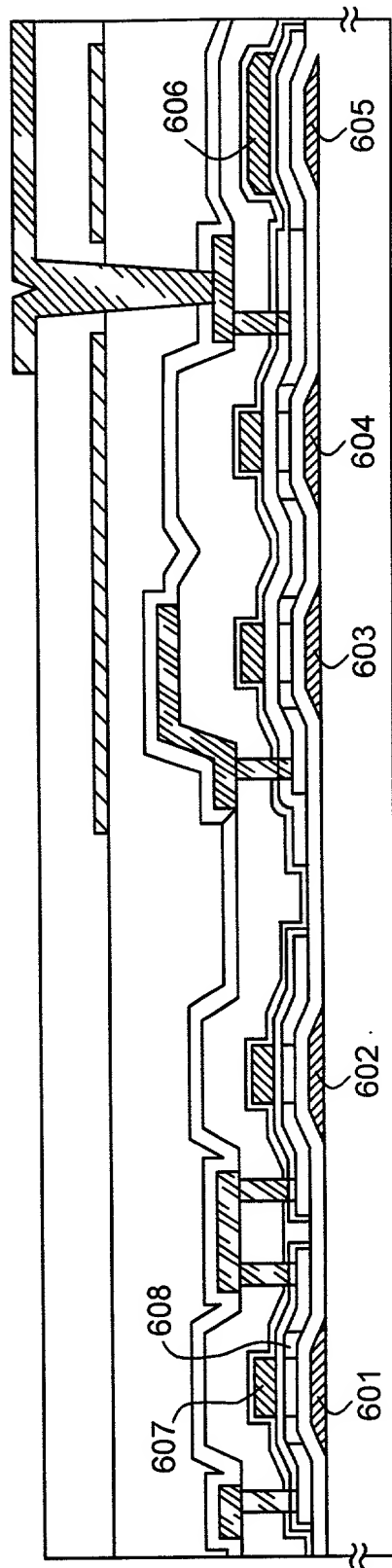


FIG. 6B

PHOSPHORUS DOPING PROCESS

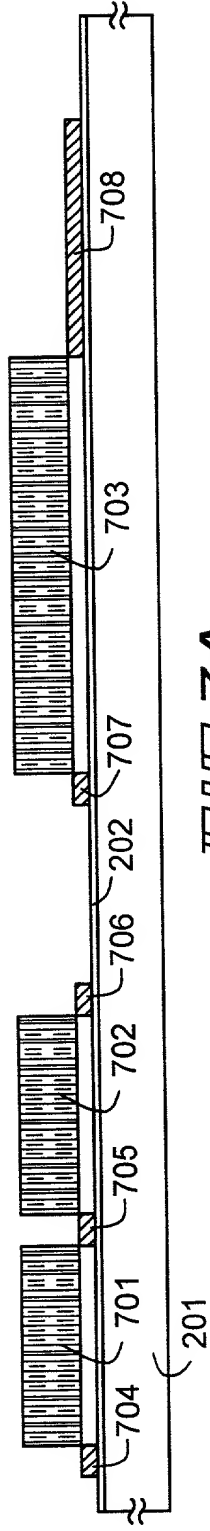


FIG. 7A

GETTERING PROCESS

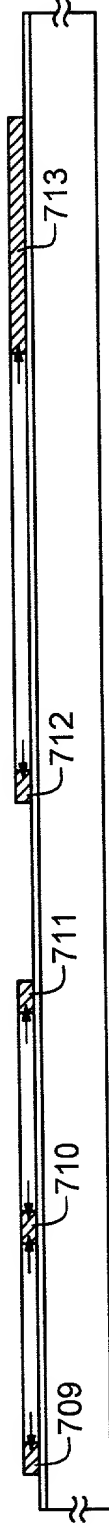


FIG. 7B

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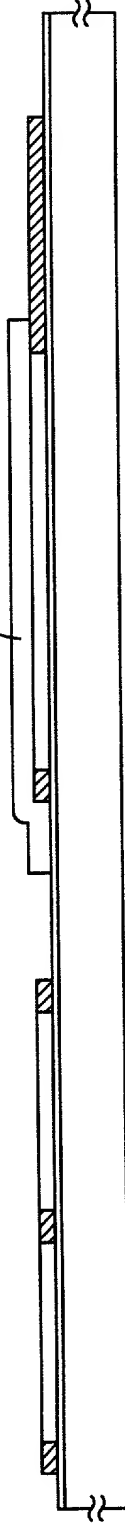
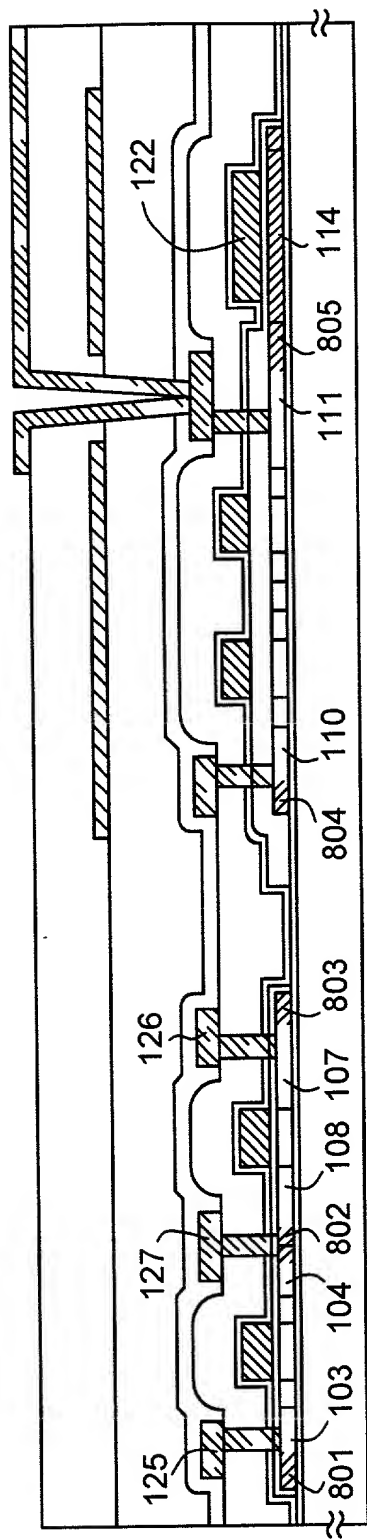


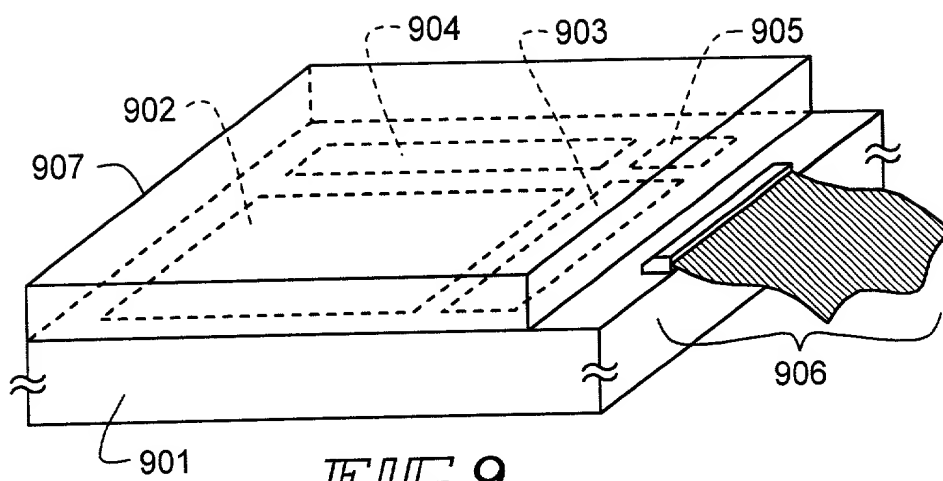
FIG. 7C



PIXEL MATRIX CIRCUIT

DRIVER CIRCUIT

FIG. 8



PHOSPHORUS DOPING PROCESS (n-)

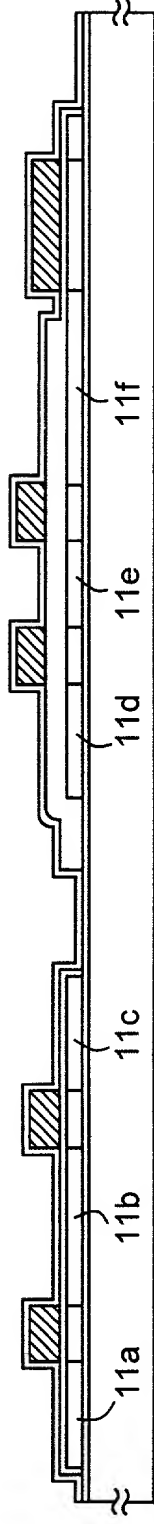


FIG. 10A

PHOSPHORUS DOPING PROCESS (n+)

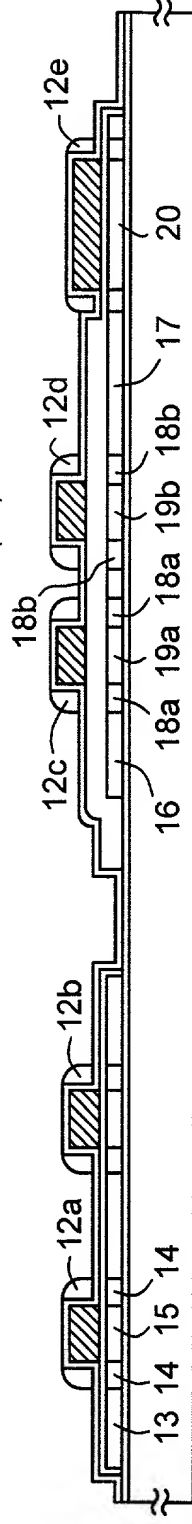


FIG. 10B

BROWN DOPING PROCESS (p++)

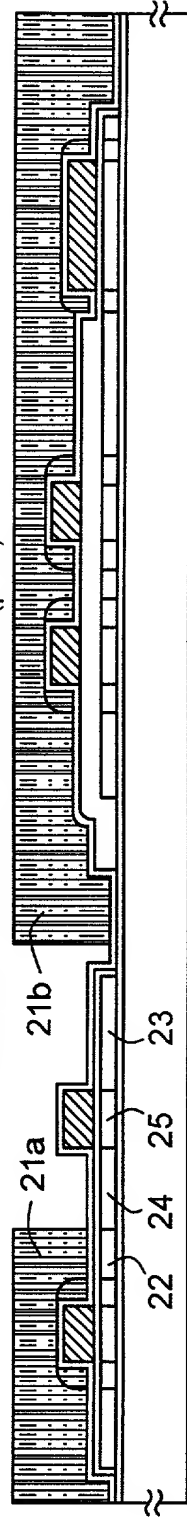


FIG. 10C

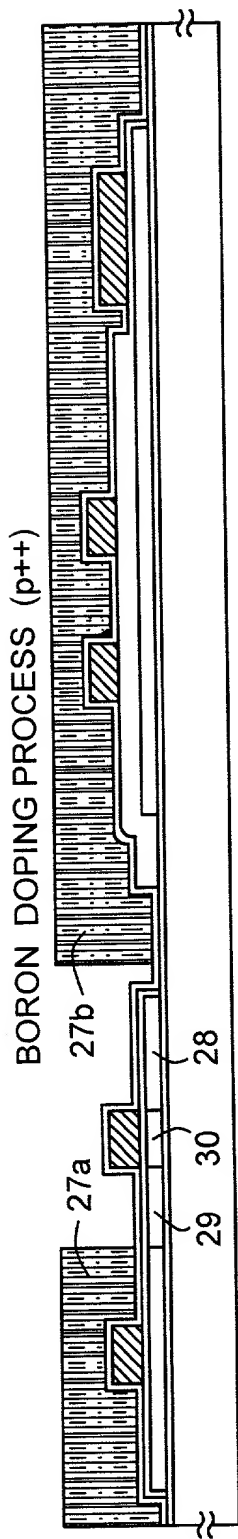


FIG. 11A

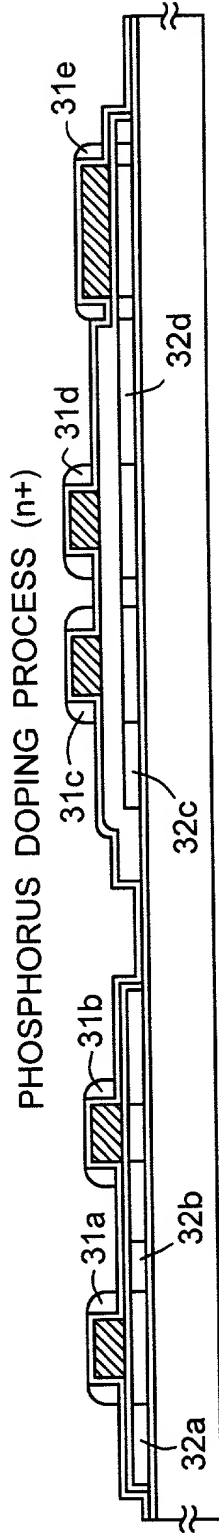


FIG. 11B

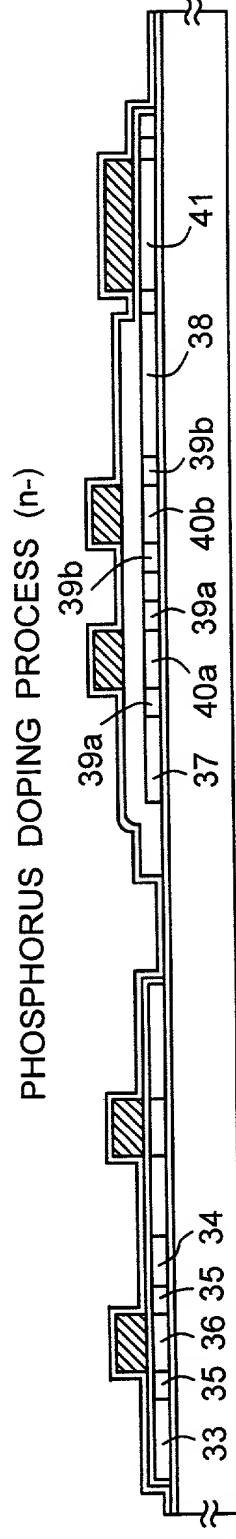


FIG. 11C

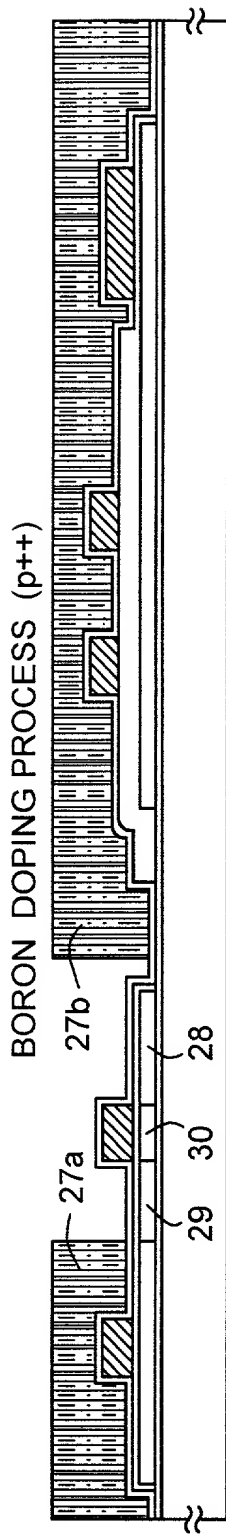


FIG. 12A

PHOSPHORUS DOPING PROCESS (n-)

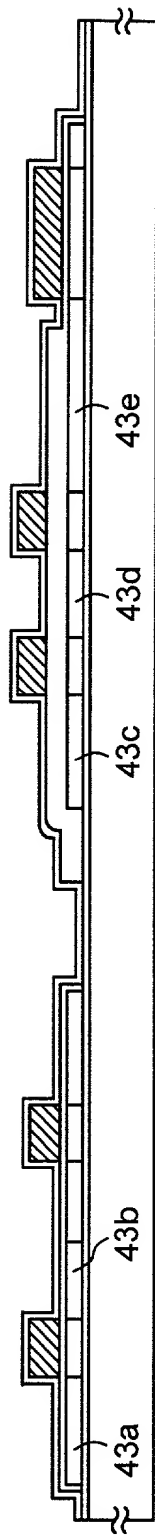


FIG. 12B

PHOSPHORUS DOPING PROCESS (n+)

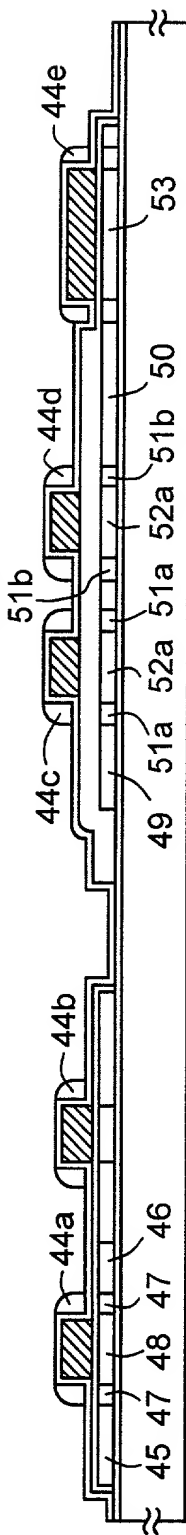


FIG. 12C

PHOSPHORUS DOPING PROCESS (n+)

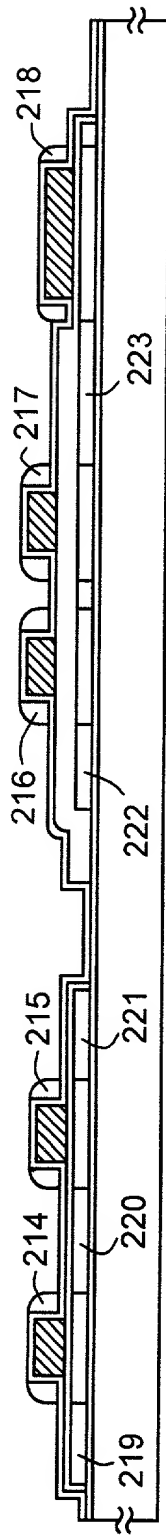


FIG. 13A

BORON DOPING PROCESS (p++)

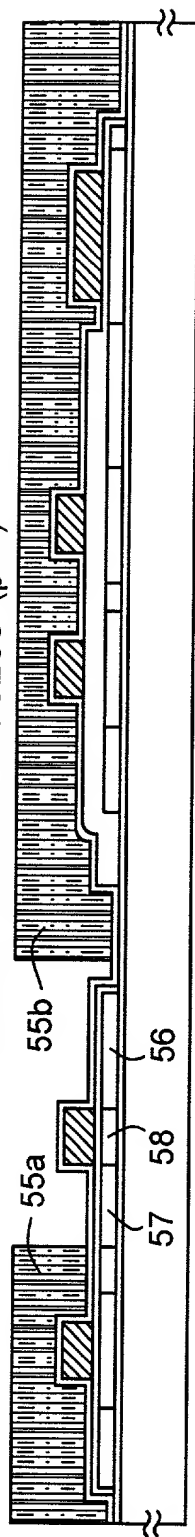


FIG. 13B

PHOSPHORUS DOPING PROCESS (n-)

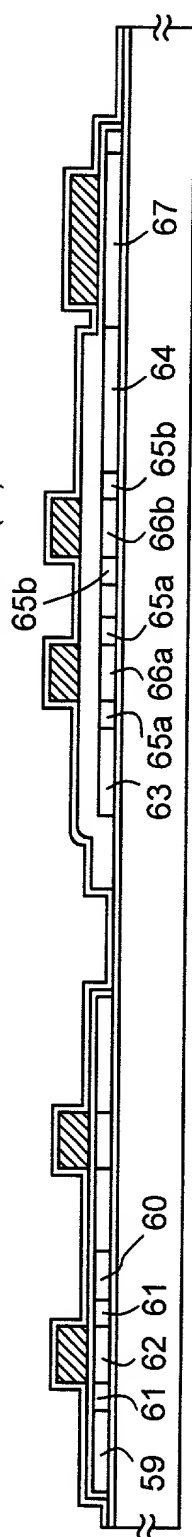


FIG. 13C

PHOSPHORUS DOPING PROCESS (n-)

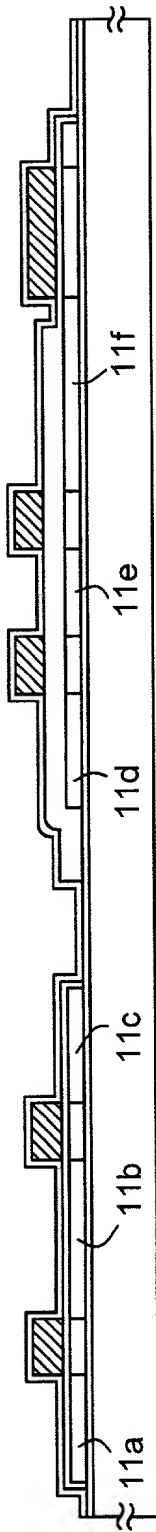


FIG. 14A

BORON DOPING PROCESS (p++)

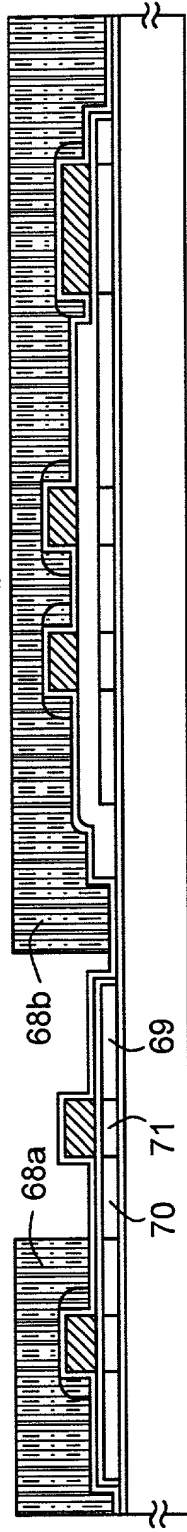


FIG. 14B

PHOSPHORUS DOPING PROCESS (n+)

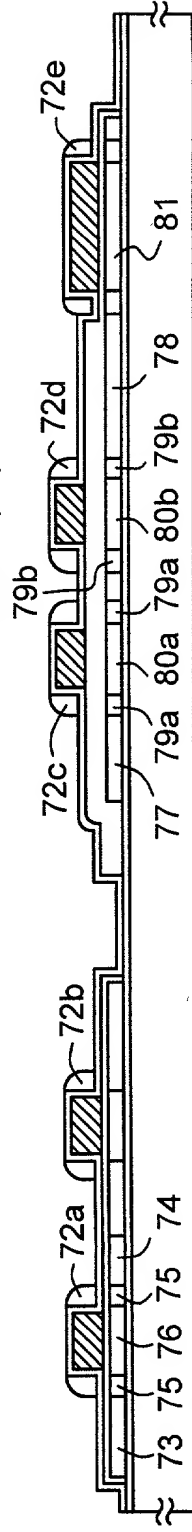


FIG. 14C

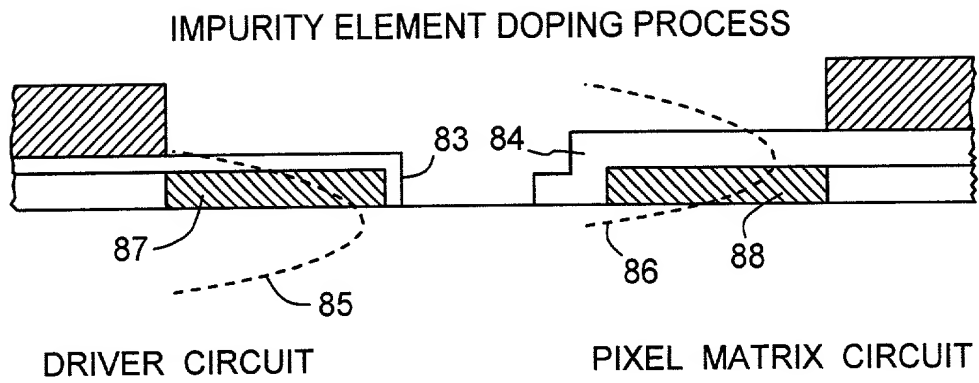
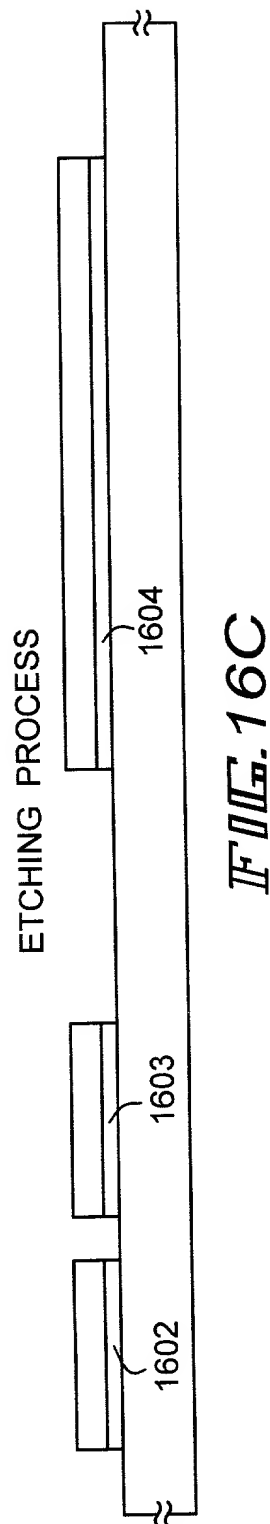
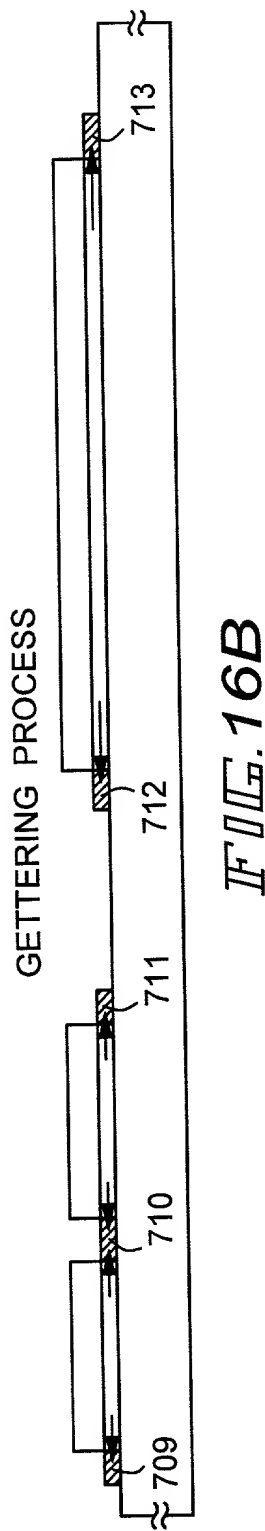
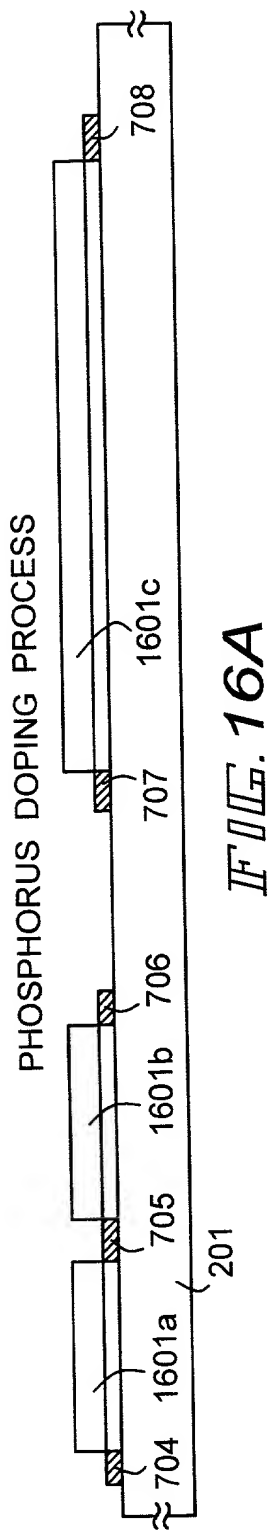


FIG. 15



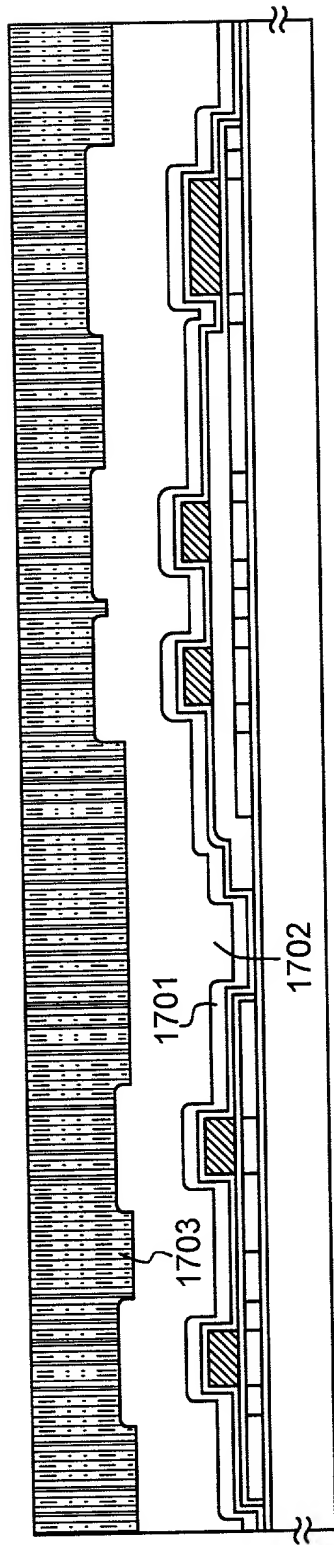


FIG. 17A

DRY ETCHING PROCESS

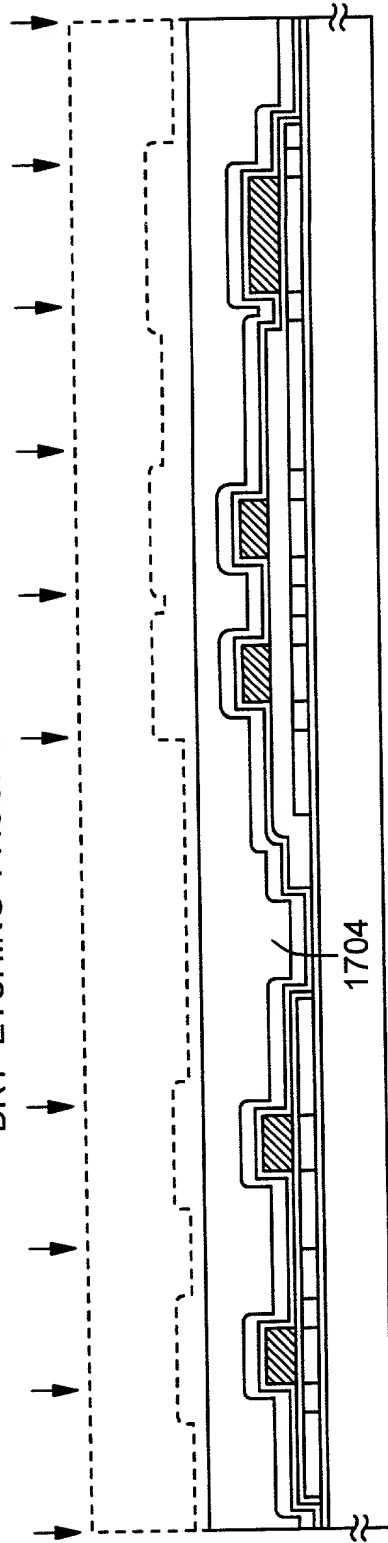


FIG. 17B

FIG. 18A

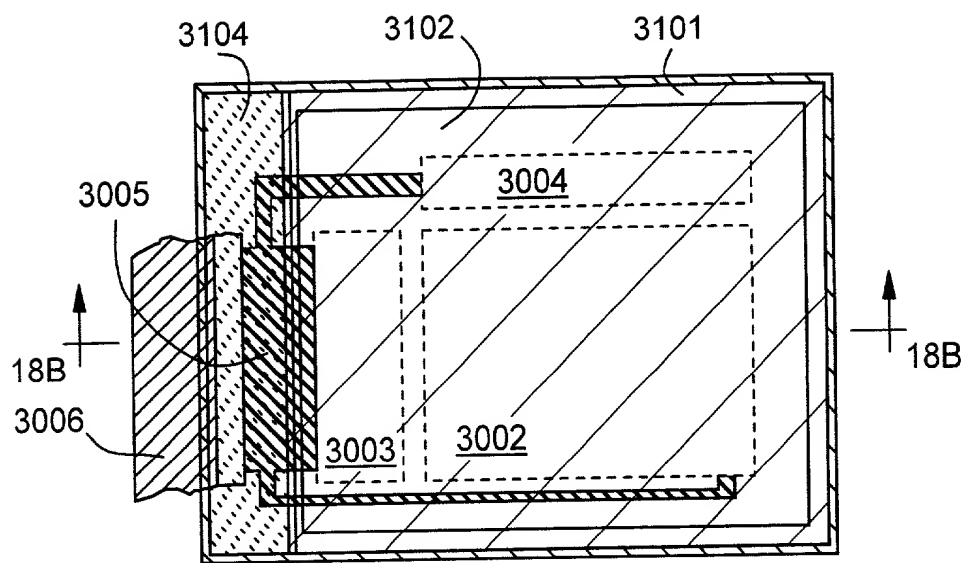


FIG. 18A

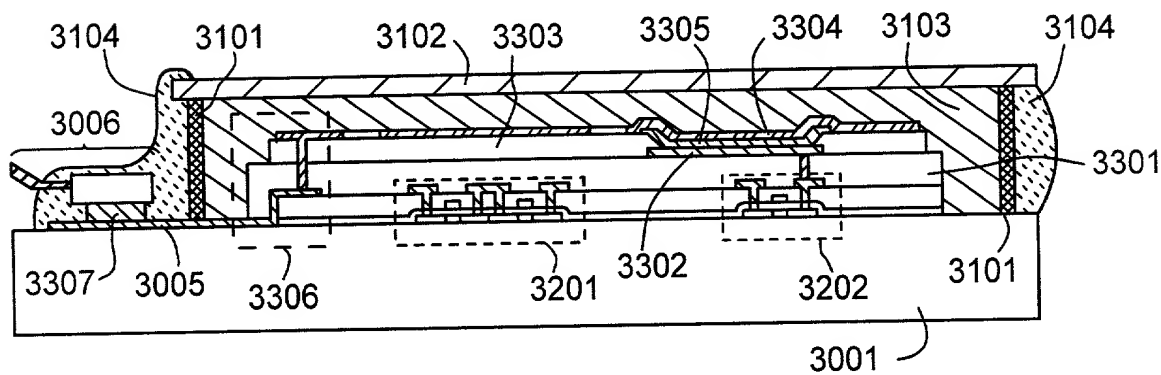


FIG. 18B

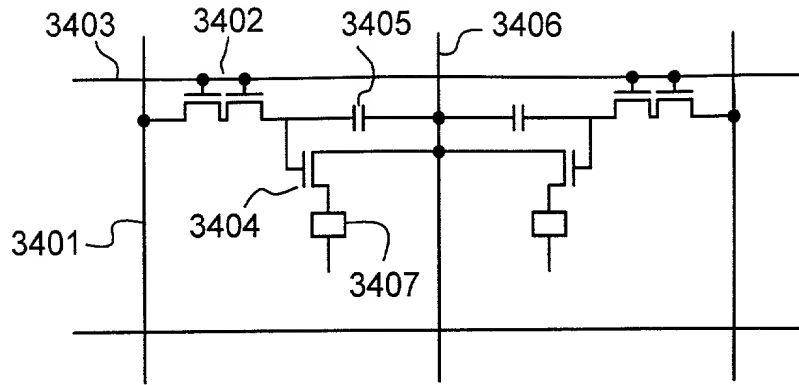


FIG. 19A

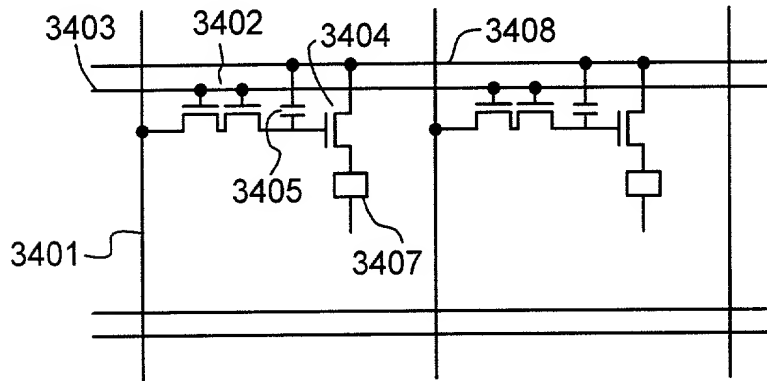


FIG. 19B

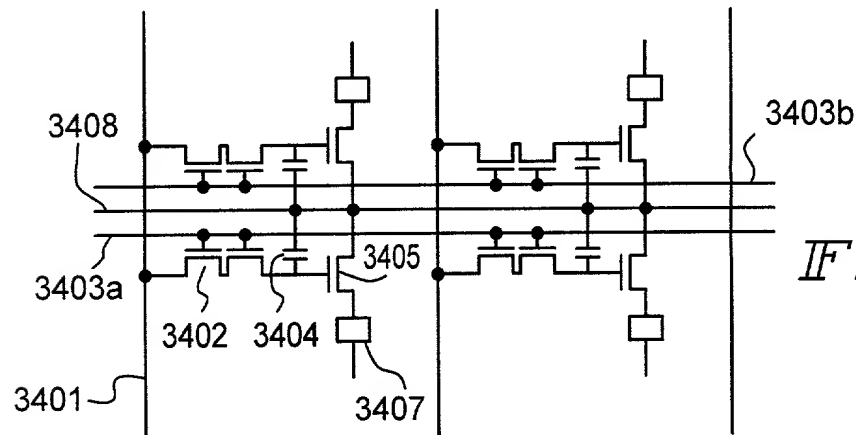


FIG. 19C

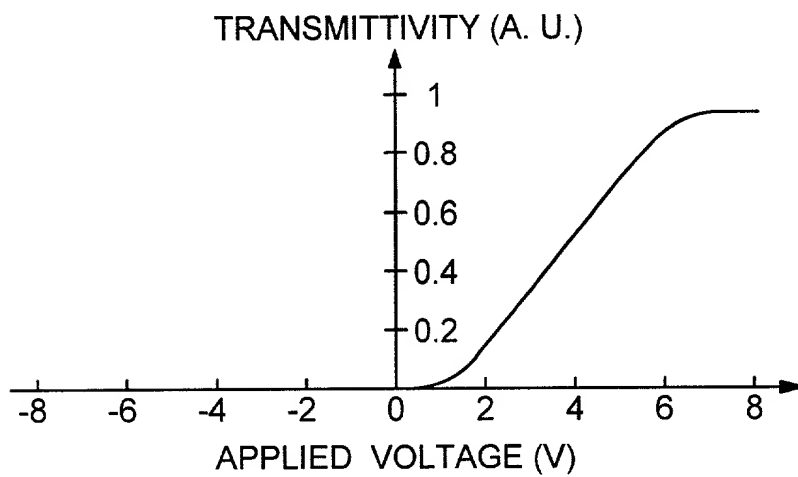


FIG. 20

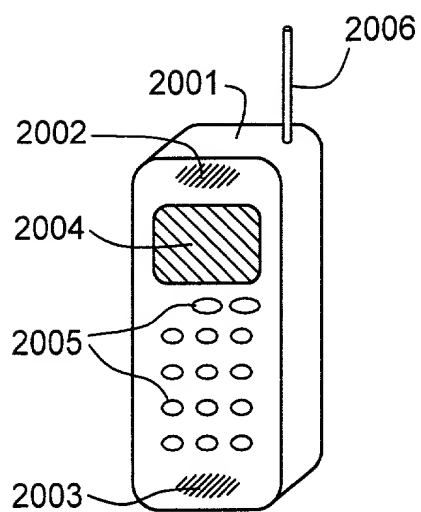


FIG. 21A

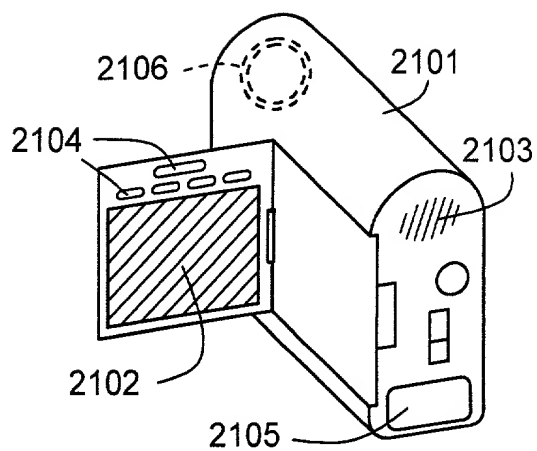


FIG. 21B

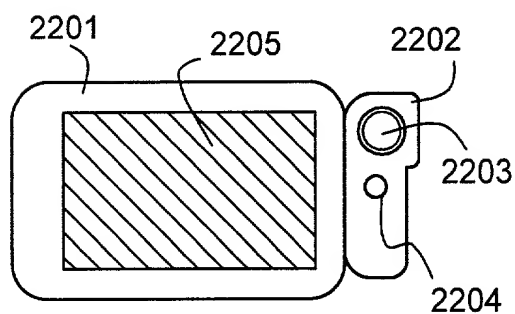


FIG. 21C

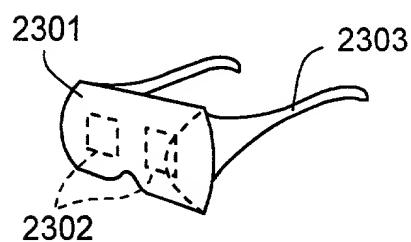


FIG. 21D

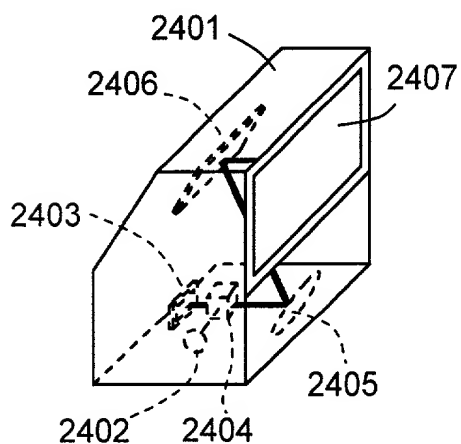


FIG. 21E

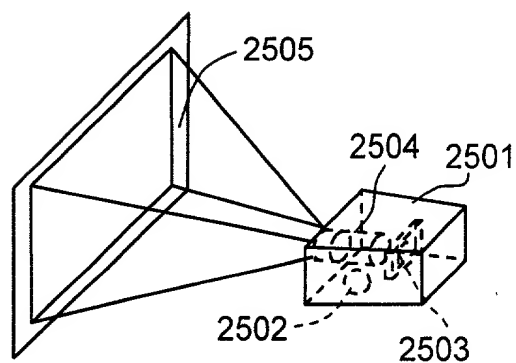


FIG. 21F

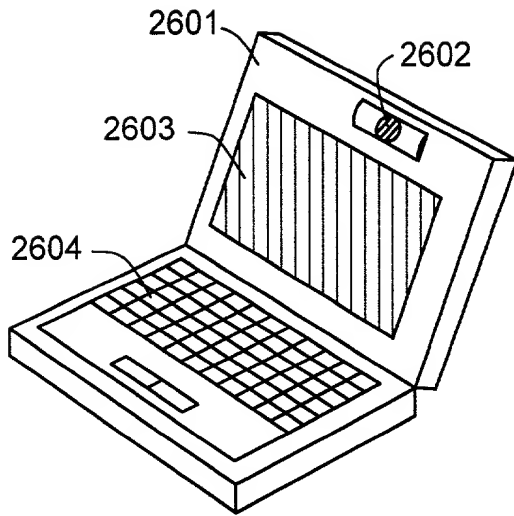


FIG. 22A

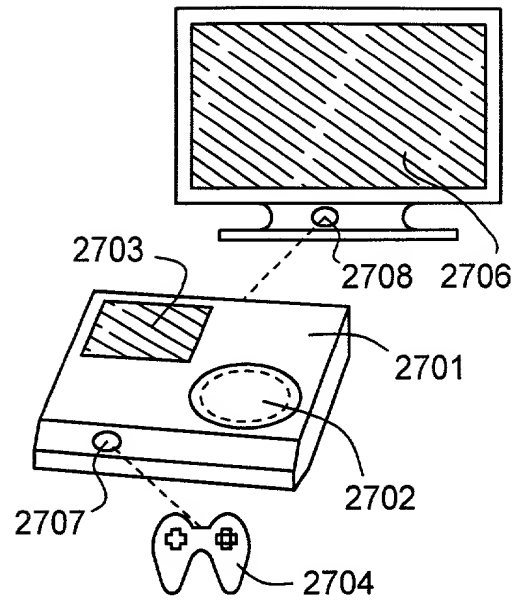


FIG. 22B

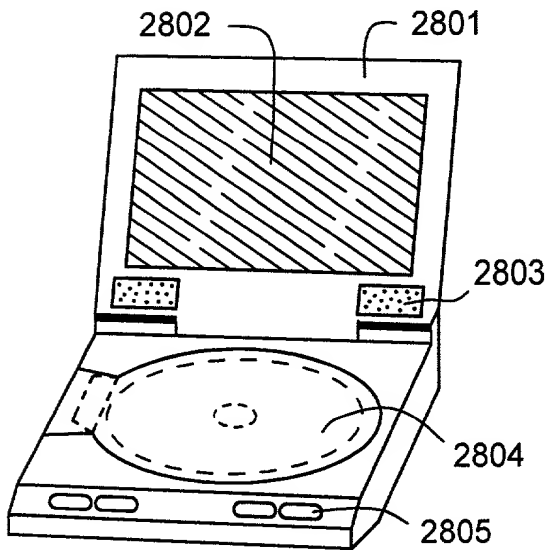


FIG. 22C

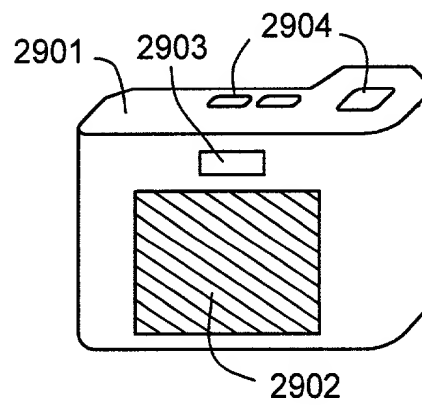


FIG. 22D

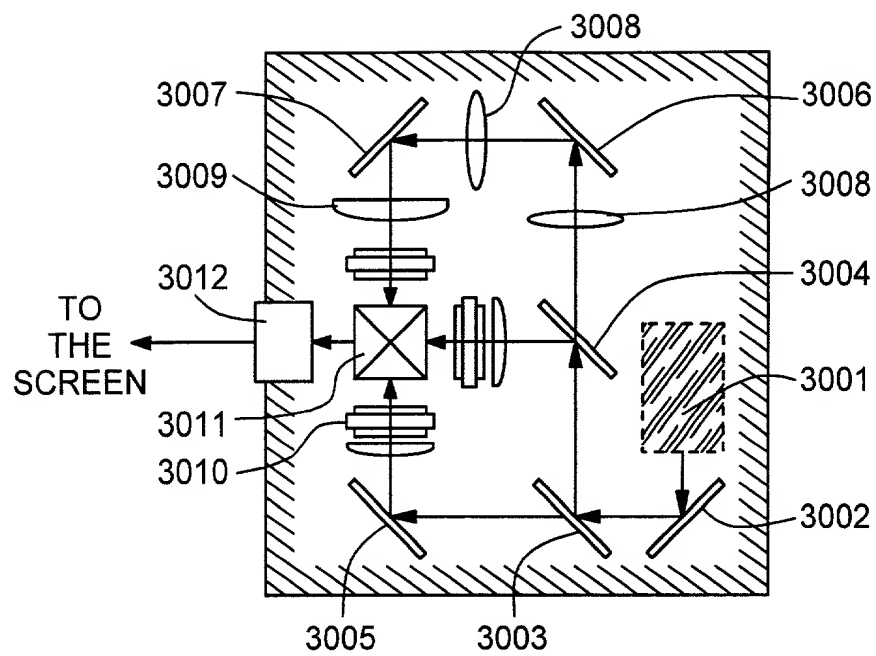


FIG. 23A

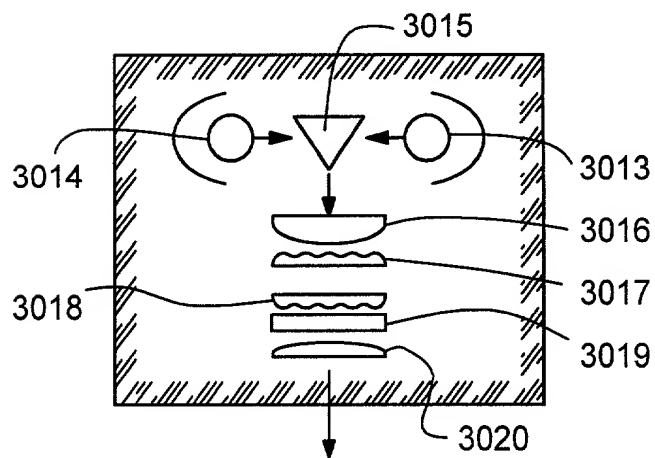


FIG. 23B